## ABSTRACT OF THE DISCLOSURE

The invention relates to a preparation for the treatment of pigmentation disorders. The preparation contains a physiologically active quantity of the DCoH protein, the DNA and/or RNA coding for the protein or DCoH antibodies or antiserum as active ingredient in a pharmaceutically suitable excipient. The invention also relates to the use of DCoH, the DNA and/or RNA coding for same or DCoH antibodies or antiserum as active ingredient in the production of such a preparation.